

GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: March 3, 2006, 09:05:06 ; Search time 747 Seconds
(without alignments)
9466.183 Million cell updates/sec

Title: US-10-511-270-1
Perfect score: 1061
Sequence: 1 gaagctctctgcgtggtccccc.....gcacttcgacgtcgaattcc 1061

Scoring table: OLIGO NUC
Gapop 60.0 , Gapext 60.0
Searched: 496997 seqs, 3332346308 residues

Word size : 0

Total number of hits satisfying chosen parameters: 9993994

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Listing first 1000 summaries

Database :

- 1: N_Geneseq_21:*
- 2: Geneseq1980s:*
- 3: Geneseq1980s:*
- 4: Geneseq1980s:*
- 5: Geneseq1980s:*
- 6: Geneseq1980s:*
- 7: Geneseq1980s:*
- 8: Geneseq1980s:*
- 9: Geneseq1980s:*
- 10: Geneseq1980s:*
- 11: Geneseq1980s:*
- 12: Geneseq1980s:*
- 13: Geneseq1980s:*
- 14: Geneseq1980s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	892	84.1	1061	12	ADP42502
2	837	78.9	2032	10	ADP42502
3	837	78.9	2032	10	ADP42502
4	733	69.1	1521	6	ABX70929 Novel hum
5	672	63.3	1336	8	ABX70929 Novel hum
6	609	57.4	1235	10	ADP42502
7	376	35.4	456	9	ACH21044 Human liv
8	375	35.3	456	10	ACH21044 Human liv
9	375	35.3	456	10	ACH21044 Human liv
10	257	24.2	2581	11	ADP42502
11	11	3.3	1017	12	ADP42502
12	11	3.3	1017	12	ADP42502
13	11	3.3	1017	12	ADP42502
14	11	3.3	1017	12	ADP42502
15	11	3.3	1017	12	ADP42502
16	11	3.3	1017	12	ADP42502
17	11	3.3	1017	12	ADP42502
18	11	3.3	1017	12	ADP42502
19	11	3.3	1017	12	ADP42502

20	21	2.0	3303	5	AAH73383	Aah73383 Human gly
21	20	1.9	287	6	ABL78351	Ab178351 Human ova
22	20	1.9	288	6	ABL78351	Ab178351 Human ova
23	20	1.9	3588	13	ABD33040	Abd33040 Human ova
24	20	1.9	4548	6	AAI64283	Aai64283 Human tra
25	20	1.9	6137	13	ABD33041	Abd33041 Human can
26	20	1.9	7625	12	ADQ23368	Adq23368 Human sof
27	20	1.9	7625	12	ADQ23368	Adq23368 Human sof
28	20	1.9	7650	12	ADQ24513	Adq24513 Human sof
29	20	1.9	32145	4	AAK68575	Aak68575 Human axo
30	20	1.9	32145	4	AAK68575	Aak68575 Human axo
31	20	1.9	32145	4	AAK68575	Aak68575 Human axo
32	20	1.9	32145	4	AAK68575	Aak68575 Human axo
33	20	1.9	32145	4	AAK68575	Aak68575 Human axo
34	20	1.9	32145	4	AAK68575	Aak68575 Human axo
35	20	1.9	32145	4	AAK68575	Aak68575 Human axo
36	20	1.9	32145	4	AAK68575	Aak68575 Human axo
37	20	1.9	32145	4	AAK68575	Aak68575 Human axo
38	20	1.9	32145	4	AAK68575	Aak68575 Human axo
39	20	1.9	32145	4	AAK68575	Aak68575 Human axo
40	20	1.9	32145	4	AAK68575	Aak68575 Human axo
41	20	1.9	32145	4	AAK68575	Aak68575 Human axo
42	20	1.9	32145	4	AAK68575	Aak68575 Human axo
43	20	1.9	32145	4	AAK68575	Aak68575 Human axo
44	20	1.9	32145	4	AAK68575	Aak68575 Human axo
45	20	1.9	32145	4	AAK68575	Aak68575 Human axo
46	20	1.9	32145	4	AAK68575	Aak68575 Human axo
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82	20	1.9	32145	4	AAK68575	Aak68575 Human axo
83	20	1.9	32145	4	AAK68575	Aak68575 Human axo
84	20	1.9	32145	4	AAK68575	Aak68575 Human axo
85	20	1.9	32145	4	AAK68575	Aak68575 Human axo
86	20	1.9	32145	4	AAK68575	Aak68575 Human axo
87	20	1.9	32145	4	AAK68575	Aak68575 Human axo
88	20	1.9	32145	4	AAK68575	Aak68575 Human axo
89	20	1.9	32145	4	AAK68575	Aak68575 Human axo
90	20	1.9	32145	4	AAK68575	Aak68575 Human axo
91	20	1.9	32145	4	AAK68575	Aak68575 Human axo
92	20	1.9	32145	4	AAK68575	Aak68575 Human axo

AAA93103;

12-JUN-2001 (first entry)

Human secreted protein coding sequence SEQ ID NO: 5.

Human; secreted protein; cytokine; cell proliferation; nutritional supplement; immune modulation; autoimmune disorder; haematopoiesis regulation; tissue growth; haemostasis; inflammation; ss.

Homo sapiens.

Key	Location/Qualifiers
CDS	195..1301
sig_peptide	/tag= a /product= "secreted protein" 297..332
mat_peptide	/tag= b 333..1298
	/tag= c

WO200049134-A1.

24-AUG-2000.

18-FEB-2000; 2000WO-US004340.

19-FEB-1999; 99US-0120590P.
23-APR-1999; 99US-00298733.
17-AUG-1999; 99US-0149639P.
23-SEP-1999; 99US-0155686P.
01-OCT-1999; 99US-0157247P.
29-NOV-1999; 99US-0167822P.
29-NOV-1999; 99US-0167823P.
15-FEB-2000; 2000US-0182711P.

(ALPH-) ALPHAGEN INC.

Valenzuela D, Yuan O, Hoffman H, Hall J, Rapiejko P;

WPI; 2000-549267/50.

P-PSDB; AAB23603.

New secreted proteins and polynucleotides encoding them, which are derived from Homosapiens, useful for therapy, diagnosis, and research, as well as nutritional sources or supplements.

Claim 14; Page 241; 309pp; English.

The present sequence is the coding sequence for a human secreted protein. It was isolated from an adult prostate cDNA library. The proteins and coding sequences of the invention can be used in the isolation of similar genes and proteins, in the elucidation of their function in vivo, and to treat a number of conditions. It is possible that they may have uses as nutritional supplements, as cytokine or cell proliferation factors, in immune modulation, where they may be used to treat immune and autoimmune diseases, as haematopoiesis regulators (treating myeloid or lymphoid cell deficiencies), in the promotion of tissue growth, they may have chemokine or chemotactic activity, haemostatic or thrombolytic activity, or anti-inflammatory activity.

Sequence 1874 BP; 431 A; 505 C; 481 G; 457 T; 0 U; 0 Other;

Query Match

1.8%; Score 19; DB 3; Length 1874;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

752 CAGGTGTCGAGCTGAGC 770

479 CAGGTGTCGAGCTGAGC 461